

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

U.S. PATENT

AMINER TIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
up	5,057,107	10/15/1991	Parins et al.			
	5,078,717	01/07/1992	Parins et al.			
	5,083,565	01/28/1992	Parins			
	5,084,044	01/28/1992	Quint			
	5,088,979	02/18/1992	Filipi et al.			
	5,094,233	03/10/1992	Brennan			
	5,100,423	03/31/1992	Fearnot			
	5,106,360	04/21/1992	Ishiwara et al.			
	5,122,137	06/16/1992	Lennox			
	5,125,928	06/30/1992	Parins et al.			
up	5,156,151	10/20/1992	Imran			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER M. Dwyer DATE CONSIDERED 11/26/02

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MP	5,190,541	03/02/1993	Abele et al.			
	5,197,963	03/30/1993	Parins			
	5,197,964	03/30/1993	Parins			
	5,205,287	04/27/1993	Erbel et al.			
	5,215,103	06/01/1993	Desai			
	5,232,444	08/03/1993	Just et al.			
	5,236,413	08/17/1993	Fiering			
	5,242,441	09/07/1993	Avitall			
	5,254,126	10/19/1993	Filipi et al.			
	5,256,138	10/26/1993	Vurek et al.			
MP	5,257,451	11/02/1993	Edwards et al.			

FOREIGN PATENT DOCUMENTS

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EXAMINER M. Pfluy	DATE CONSIDERED 11/24/02
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
mp	5,263,493	11/23/1993	Avitall			
	5,275,162	01/04/1994	Edwards et al.			
	5,275,608	01/04/1994	Forman et al.			
	5,275,610	01/04/1994	Eberbach			
	5,277,201	01/11/1994	Stern			
	5,281,216	01/25/1994	Klicek			
	5,281,217	01/25/1994	Edwards et al.			
	5,281,218	01/25/1994	Imran			
	5,290,286	03/01/1994	Parins			
	5,292,321	03/08/1994	Lee			
mp	5,293,869	03/15/1994	Edwards et al.			

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MP	5,309,910	05/10/1994	Edwards et al.			
	5,313,943	05/24/1994	Houser et al.			
	5,314,466	05/24/1994	Stern et al.			
	5,316,020	03/31/1994	Truffer			
	5,324,284	06/28/1994	Imran			
	5,328,467	07/12/1994	Edwards et al.			
	5,334,196	08/02/1994	Scott et al.			
	5,336,222	08/09/1994	Durgin, Jr. et al.			
	5,345,936	09/13/1994	Pomeranz et al.			
	5,348,554	09/20/1994	Imran et al.			
	5,363,861	11/15/1994	Edwards et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	0 139 607	5/1985	EPO				
	0 608 609	8/1994	EPO				
	43 03 882	2/1995	Germany				
	38 38 840	2/1997	Germany				
MP	91/01773	Feb 1991	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

MP	Castell, D.O. "Gastroesophageal Reflux Disease: Current Strategies for Patient Management." Arch Fam Med. 5(4): 221-7.
MP	Dallemagne, B. et al., "Laparoscopic Nissen Fundoplication: Preliminary." Surgical Laparoscopy & Endoscopy. 1991 1(3): 138-43

EXAMINER MP	DATE CONSIDERED 11/26/02
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MP	5,365,926	11/22/1994	Desai			
	5,365,945	11/22/1994	Halstrom			
	5,366,490	11/22/1994	Edwards et al.			
	5,368,557	11/29/1994	Nita et al.			
	5,368,592	11/29/1994	Stern et al.			
	5,370,675	12/06/1994	Edwards et al.			
	5,370,678	12/06/1994	Edwards et al.			
	5,383,876	01/24/1995	Nardella			
	5,383,917	01/24/1995	Desai et al.			
	5,385,544	01/31/1995	Edwards et al.			
MP	5,397,339	03/14/1995	Desai			

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	92/10142	1992	PCT				
	93/08755	1993	PCT				
	94/10925	1994	PCT				
	94/21165	1994	PCT				
	94/21178	1994	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

MP	Hinder, R.A. et al., "The Technique of Laparoscopic Nissen Fundoplication" Surgical Laparoscopy & Endoscopy, 1992, 2(3): 265-272.
	Karlstrom, L.H. et al. "Ectopic jejunal pacemakers and enterogastric reflux after Roux gastrectomy: Effect of intestinal pacing." Surgery 1989. 106(3): 486-495

EXAMINER	DATE CONSIDERED
MP	11/21/02

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MP	5,398,683	03/21/1995	Edwards et al.			
	5,401,272	03/28/1995	Perkins			
	5,403,311	04/04/1995	Abele et al.			
	5,409,453	04/25/1995	Lundquist et al.			
	5,409,483	04/25/1995	Campbell et al.			
	5,415,657	05/16/1995	Taymor-Luia			
	5,421,819	06/06/1995	Edwards et al.			
	5,423,808	06/13/1995	Edwards et al.			
	5,423,811	06/13/1995	Ellman et al.			
	5,423,812	06/13/1995	Ellman et al.			
MP	5,433,739	07/18/1995	Sluijter et al.			

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
MP	94/22366	1994 ^{10/1}	PCT				
	94/26178	1994 ^{11/1}	PCT				
	95/18575	1995 ^{7/1}	PCT				
	95/19142	1995 ^{7/1}	PCT				
MP	95/25472	1995 ^{9/1}	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

MP		Kelly, KA. et al., "Doudenal-gastric reflux and slowed gastric emptying by electrical pacing of the canine duodenal pacesetter potential." Gastroenterology. 1977. 72(3): 429-33
MP		Reynolds, J.C. "Influence of pathophysiology, severity, and cost on the medical management of gastroesophageal reflux disease." Am J Health-Syst Pharm. 53 (22 Suppl 3): S5-12.

EXAMINER M. P. Kelly	DATE CONSIDERED 11/21/02
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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MP	5,435,805	07/25/1995	Edwards			
	5,441,499	08/15/1995	Fritzs			
	5,443,470	08/22/1995	Stern et al.			
	5,456,662	10/10/1995	Edwards et al.			
	5,456,682	10/10/1995	Edwards et al.			
	5,458,596	10/17/1995	Lax et al.			
	5,458,597	10/17/1995	Edwards et al.			
	5,465,717	11/14/1995	Imran et al.			
	5,470,308	11/28/1995	Edwards et al.			
	5,471,982	12/05/1995	Edwards et al.			
MP	5,472,441	12/05/1995	Edwards et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
MP	96/00042	1996	PCT				
MP	96/29946	1996	PCT				
MP	96/16606	1996	PCT				
	96/00042	1996	PCT				
MP	97/06857	1997	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

MP		Urschel, J.D. "Complications of Antireflux Surgery." Am J Surg. 1993. 166(1): 68-70.
MP		Kaneko, et al., Physiological Laryngeal Pacemaker, May 1985, Trans Am Soc. Artif. Intern Organs, Vol. XXXI, pgs. 293-296

EXAMINER	DATE CONSIDERED
MP	4/26/02

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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
mp	5,484,400	01/16/1996	Edwards et al.			
	5,486,161	01/23/1996	Lax et al.			
	5,490,984	02/13/1996	Freed			
	5,496,271	03/05/1996	Burton et al.			
	5,496,311	03/05/1996	Abele et al.			
	5,500,012	03/19/1996	Brucker et al.			
	5,505,728	04/09/1996	Ellman et al.			
	5,505,730	04/09/1996	Edwards			
	5,507,743	04/16/1996	Edwards et al.			
	5,509,419	04/23/1996	Edwards et al.			
mp	5,514,130	05/07/1996	Baker			

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
mp	97/32532	1997 9/	PCT				
mp	97/43971	1997 11/	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

mp		Mugica et al. Direct Diaphragm Stimulation, Jan. 1987 PACE, Vol. 10, pgs 252-256
mp		Mugica et al., Neurostimulation: An Overview, Chapter 21, Preliminary Test of a Muscular Diaphragm pacing System on Human Patients. 1985. pgs3. 263-279

EXAMINER	DATE CONSIDERED
mp	11/21/02

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MP	5,514,131	05/07/1996	Edwards et al.			
	5,520,684	05/28/1996	Imran			
	5,531,676	07/02/1996	Edwards et al.			
	5,531,677	07/02/1996	Lundquist et al.			
	5,536,240	07/16/1996	Edwards et al.			
	5,536,267	07/16/1996	Edwards et al.			
	5,540,655	07/30/1996	Edwards et al.			
	5,549,644	08/27/1996	Lundquist et al.			
	5,554,110	09/10/1996	Edwards et al.			
	5,556,377	09/17/1996	Rosen et al.			
MP	5,558,672	09/24/1996	Edwards et al.			

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

MP		Rice et al., Endoscopic Paranasal Sinus Surgery, Chapter 5, Functional Endoscopic Paranasal Sinus Surgery, The Technique of Messerklinger, Raven Press, 1988, pgs. 75-104
MP		Rice et al., Endoscopic Paranasal Sinus Surgery, Chapter 6, Total Endoscopic Sphenoidectomy, The Technique of Wigand, Raven Press, 1988, pgs. 105-125

EXAMINER MP	DATE CONSIDERED 1/24/02
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MP	5,558,673	09/24/1996	Edwards et al.			
	5,562,720	10/08/1996	Stern et al.			
	5,571,116	11/05/1996	Bolanos et al.			
	5,578,007	11/26/1996	Imran			
	5,588,432	12/31/1996	Crowley			
	5,588,960	12/31/1996	Edwards et al.			
	5,599,345	02/04/1997	Edwards et al.			
	5,609,151	03/11/1997	Mulier et al.			
	5,624,439	04/29/1997	Edwards et al.			
	5,672,153	09/30/1997	Lax et al.			
MP	5,676,674	10/14/1997	Bolanos et al.			

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*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
mp		5,957,961	28 Sep 99	Maguire et al.			
mp		6,004,269	21 Dec 99	Crowley et al.			

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							YES	NO

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MP	5,688,266	11/18/1997	Edwards et al.			
	5,688,490	11/18/1997	Tournier et al.			
	5,702,438	12/30/1997	Avitall			
	5,709,224	01/20/1998	Behl et al.			
	5,732,698	03/31/1998	Swanson et al.			
	5,738,096	04/14/1998	Ben-Haim			
	5,830,213	11/03/1998	Panescu et al.			
	5,836,874	11/17/1998	Swanson et al.			
	5,860,974	01/19/1999	Abele			
MP	5,871,483	02/16/1999	Jackson et al.			

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U.S. PATENT DOCUMENTS

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af	1	5,233,515	8/3/1993	Cosman			

FOREIGN PATENT DOCUMENTS

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							YES	NO

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MP	1,798,902	03/31/1931	Raney			
	3,517,128	06/23/1970	Hines			
	3,901,241	08/26/1975	Allen, Jr.			
	4,011,872	03/15/77	Komiya			
	4,196,724	04/08/1980	Wirt et al.			
	4,411,266	10/25/1983	Cosman			
	4,423,812	01/03/1984	Sato			
	4,532,924	08/06/1985	Auth et al.			
	4,565,200	01/21/1986	Cosman			
	4,705,041	11/10/1987	Kim			
MP	4,901,737	02/20/1990	Toone			

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MP	4,906,203	03/06/1990	Margrave et al.			
	4,907,589	03/13/1990	Cosman			
	4,943,290	07/24/1990	Rexroth et al.			
	4,947,842	08/14/1990	Marchosky et al.			
	4,955,377	09/11/1990	Lennox et al.			
	4,966,597	10/30/1990	Cosman			
	4,976,711	12/11/1990	Parins et al.			
	5,019,075	05/28/1991	Spears et al.			
	5,305,696	07/30/1991	Rydell			
	5,046,512	09/10/1991	Murchie			
MP	5,047,028	09/10/1991	Qian			

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M. P. [Signature]

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